

**DRAWING AMENDMENTS**

A new drawing sheet, FIG.23 has been attached hereto.

**REMARKS/ARGUMENTS**

1. In the above referenced Office Action, the Examiner rejected claims 10, and 14-15 under 35 USC § 102 (e) as being anticipated by Wright et al. (U.S. Patent No. 6,798,843 B1). In addition, the Examiner objected to claims 1-15, 19, 21-27 for various informalities. Further, the Examiner objected to the drawings as failing to expressly show the first and second I digital to analog converter and the first and second Q analog converter as set forth in claim 6. Also, the Examiner objected to the specification based on various informalities.

Claims 1-10, 14-33 are currently pending in this application. Claims 1-10, 14-15, 19, 21-22, 25, and 27 have been amended. Claims 11-13 have been cancelled without prejudice to the subject matter contained therein. New claims 28-33 have been added. No new matter has been added. These rejections have been traversed and, as such, the applicant respectfully requests reconsideration of the allowability of claims 1-10, 14-33.

In the above referenced Office Action, the Examiner objected to the drawings for not expressly showing the first and second I digital to analog converter and the first and second Q analog converter as set forth in claim 6. Applicant has provided a new drawing sheet, FIG. 23 to expressly include, for each signal partition, the two digital to analog converters and two RF up-conversion sections; one for the I phase component and another for the Q phase component. Support for amendment is provided in the original specification, page 11, lines 5-12, and in original claim 6. No new matter has been added. Applicant respectfully submits that the drawings have been corrected and requests that the drawing objections be withdrawn.

Similarly, the specification has been amended to expressly include a reference to new FIG. 23 and to I digital to analog converters 62', 64' and 66', Q digital to analog converters 62'', 64'' and 66'', I RF up-conversion sections 68', 70' and 72' and Q RF up-conversion sections 68'', 70'' and 72''. Support for amendment is provided in the original specification, page 11, lines 5-12, and in original claim 6. No new matter has been added. In addition, the specification has been amended to correct the various informalities in the manner suggested by the Examiner. Applicant respectfully submits that the specification has been corrected and requests that the specification objections be withdrawn.

Claims 1-10, 14-15, 19, 21-22, 25, and 27 have been amended to correct the various informalities in the manner suggested by the Examiner. Applicant respectfully submits that these informalities have been corrected and requests

that the objections to claims 1-15, 19 and 21-27 be withdrawn.

Applicants thanks the Examiner for the allowance of claims 16-18 and 20 and the indication of allowability of claims 1-9, 19, 21-27 subject to the informalities presented above. Claims 1-9, 19, 21-27 have been amended to correct the various informalities in the manner suggested by the Examiner. Applicant respectfully submits that these informalities have been corrected and requests that the objections to claims 1-9, 19 and 21-27 be withdrawn. For the foregoing reasons, the applicant believes that claims 1-9, 19 and 21-27 are in condition for allowance and respectfully request that they be passed to allowance.

Applicants thanks the Examiner for the indication of allowability of claims 11-13 and as being dependent upon rejected base claim 10 and subject to the informalities presented above. Applicant respectfully submits that these informalities, and the informalities cited by the Examiner in claims 14 and 15, have been corrected. Claim 10 has been amended to include the subject matter of allowable claim 13. For the foregoing reasons, the applicant believes that claim 10 and claims 14-15 that depend therefore are in condition for allowance and respectfully request that they be passed to allowance.

New claim 28 has been added that represents allowable claim 11 rewritten in independent form. For the foregoing reasons, the applicant believes that claim 28 and new claims 29-30 that depend therefrom are in condition for

allowance and respectfully request that they be passed to allowance.

New claim 31 has been added that represents allowable claim 12 rewritten in independent form. For the foregoing reasons, the applicant believes that claim 31 and new claims 32-33 that depend therefrom are in condition for allowance and respectfully request that they be passed to allowance.

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For the foregoing reasons, the applicant believes that claims 1-10, 14-33 are in condition for allowance and respectfully request that they be passed to allowance.

The Examiner is invited to contact the undersigned by telephone or facsimile if the Examiner believes that such a communication would advance the prosecution of the present invention.

A fee of \$350 is due for the new claims that are presented. The Commissioner is authorized to charge these fees, any additional fees that are required or credit any overpayment to Deposit Account No.50-1835.

RESPECTFULLY SUBMITTED,

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CERTIFICATE OF MAILING  
37 C.F.R. 1.8

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